

Producing Statistics for Our Nation's Myriad Detailed Racial/Ethnic Communities

Fall 2023 National Advisory Committee Meeting

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Today's Discussion

- Overview of the Detailed Demographic and Housing Characteristics File A (Detailed DHC-A)
- Selected Results from the Detailed DHC-A
- Data Quality and Guidance for Data Users
- Accessing the Detailed DHC-A
- 2030 Census Code List Improvement Project

Overview of the Detailed Demographic and Housing Characteristics File A (Detailed DHC-A)

Race and Ethnicity Data in the 2020 Census

- Two separate questions
- Dedicated write-in response areas for each major group
 - 55 million write-ins in 2010 Census
 - 350 million write-ins in 2020 Census
- Improved data collection and coding for 2020 Census race and Hispanic origin questions

→ NOTE: Please answer BOTH Question 6 about Hispanic origin and Question 7 about race. For this census, Hispanic origins are not races.

6. Is this person of Hispanic, Latino, or Spanish origin?

- ☐ No, not of Hispanic, Latino, or Spanish origin
- ☐ Yes, Mexican, Mexican Am., Chicano
- ☐ Yes, Puerto Rican
- ☐ Yes, Cuban
- ☐ Yes, another Hispanic, Latino, or Spanish origin – *Print, for example, Salvadoran, Dominican, Colombian, Guatemalan, Spaniard, Ecuadorian, etc.*

7. What is this person's race?

Mark ☒ one or more boxes **AND** print origins.

- ☐ White – *Print, for example, German, Irish, English, Italian, Lebanese, Egyptian, etc.*

- ☐ Black or African Am. – *Print, for example, African American, Jamaican, Haitian, Nigerian, Ethiopian, Somali, etc.*

- ☐ American Indian or Alaska Native – *Print name of enrolled or principal tribe(s), for example, Navajo Nation, Blackfeet Tribe, Mayan, Aztec, Native Village of Barrow Inupiat Traditional Government, Nome Eskimo Community, etc.*

- | | | |
|--|---|--|
| <input type="checkbox"/> Chinese | <input type="checkbox"/> Vietnamese | <input type="checkbox"/> Native Hawaiian |
| <input type="checkbox"/> Filipino | <input type="checkbox"/> Korean | <input type="checkbox"/> Samoan |
| <input type="checkbox"/> Asian Indian | <input type="checkbox"/> Japanese | <input type="checkbox"/> Chamorro |
| <input type="checkbox"/> Other Asian –
<i>Print, for example, Pakistani, Cambodian, Hmong, etc.</i> | <input type="checkbox"/> Other Pacific Islander –
<i>Print, for example, Tongan, Fijian, Marshallese, etc.</i> | |

- ☐ Some other race – *Print race or origin.*

Data Available in the Detailed Demographic and Characteristics File A (Detailed DHC-A)

Data are now available for 300 detailed race and ethnicity groups and 1,187 detailed American Indian and Alaska Native tribes and villages.

Race or Ethnicity	Detailed	Regional
Hispanic or Latino Origin (Hispanic Origin)	30	4
White	104	3
Black or African American	62	3
American Indian and Alaska Native (AIAN)	1,187	8
Asian	47	5
Native Hawaiian and Other Pacific Islander (NHPI)	35	3
Some Other Race (SOR)	22	2

Race and Ethnicity Concepts

In addition to providing data for Hispanic origin groups, data will be available for the race *alone* and race *alone or in any combination* populations.

- **Race *alone***
 - The minimum number of people who identified as that group.
 - Includes people who reported only one response.
- **Race *alone or in any combination***
 - The maximum number of people who identified as that group.
 - Includes people who reported only one response AND those who reported multiple responses.

Improvements to Coding Detailed Race and Ethnicity Groups and American Indian and Alaska Native Tribes and Villages

- **Hispanic or Latino Origin (Hispanic Origin)**
 - Added new code for Afro-Latino
 - Reclassified Garifuna from the American Indian and Alaska Native racial category to the Hispanic or Latino category
- **White and Black or African American**
 - Expanded our code list to include additional detailed White (including Middle Eastern and North African) and Black or African American groups
- **American Indian and Alaska Native (AIAN)**
 - Data for individual American Indian and Alaska Native tribes are included in this product instead of tribal groupings.
 - Updated the code list to account for any changes to how tribes are formally recognized.

Improvements to Coding Detailed Race and Ethnicity Groups and American Indian and Alaska Native Tribes and Villages, cont.

- **Asian**

- Reclassified several Central Asian groups (i.e., Afghan, Kazakh, Kyrgyz, Tajik, Turkmen and Uzbek) from the White racial category to the Asian racial category.
- “Sikh” was included as a distinct detailed population group within the “Asian” racial category. instead of being tabulated as “Asian Indian” like it was in the 2010 Census.
- New codes were added for Kazakh, Kyrgyz, Tajik, Turkmen, Uzbek, Sikh, Sindhi, Bruneian, Mien, Buryat, Kalmyk, Kuki, Lahu, Malay, Mizo, Pashtun, Tai Dam and Timorese.

- **Native Hawaiian and Other Pacific Islander (NHPI)**

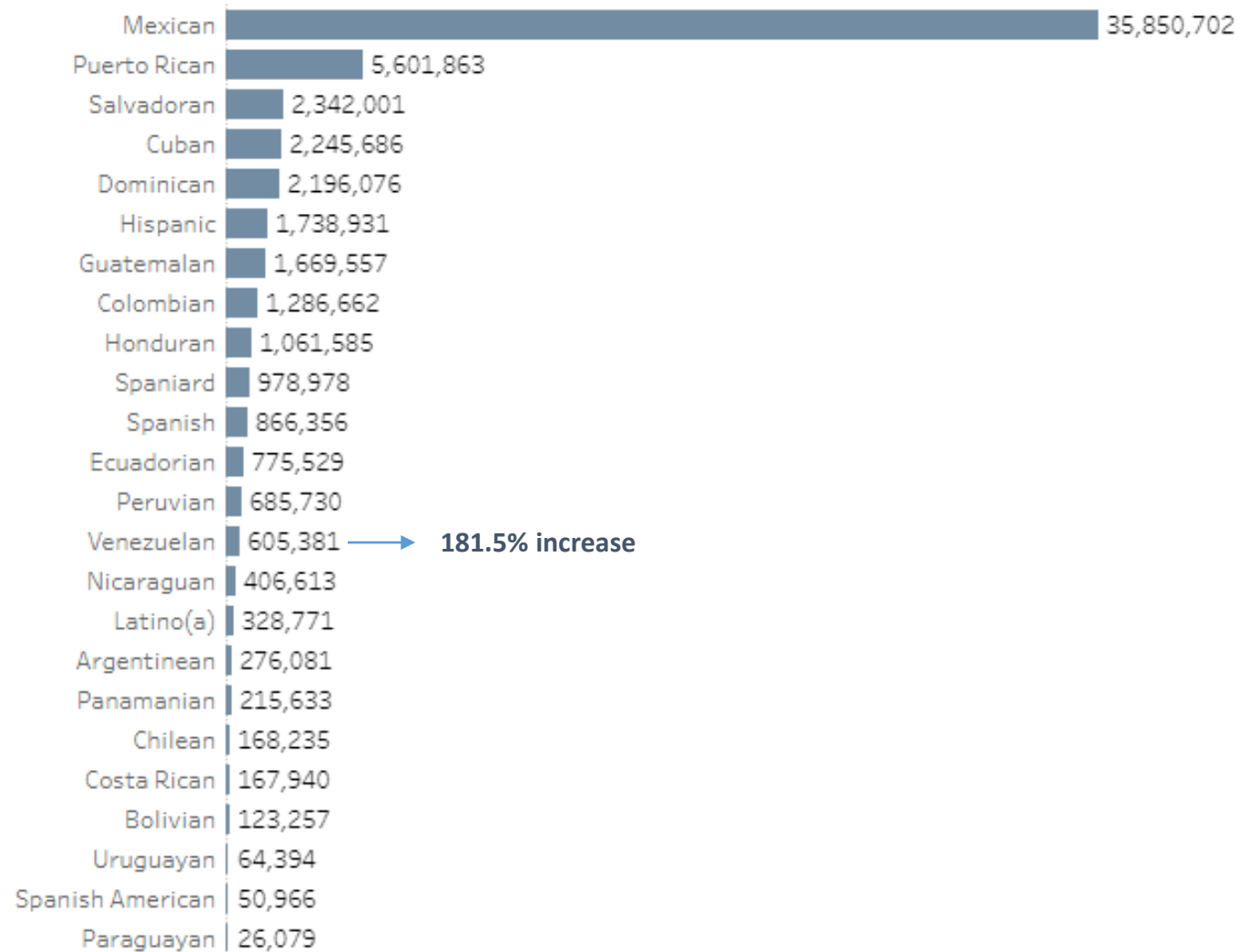
- New codes were added for New Caledonian, Nauruan, Cook Islander, Easter Islander, French Polynesian, Maori, Niuean, Rotuman, Tuvaluan, and Wallisian and Futunan.
- Because we updated the checkbox for “Guamanian or Chamorro” to “Chamorro,” we’re now able to provide data for the Guamanian *and* the Chamorro populations.

- **Some Other Race (SOR)**

- The 2020 Census will mark the first time we publish data for detailed groups, such as Brazilian, within this code range.

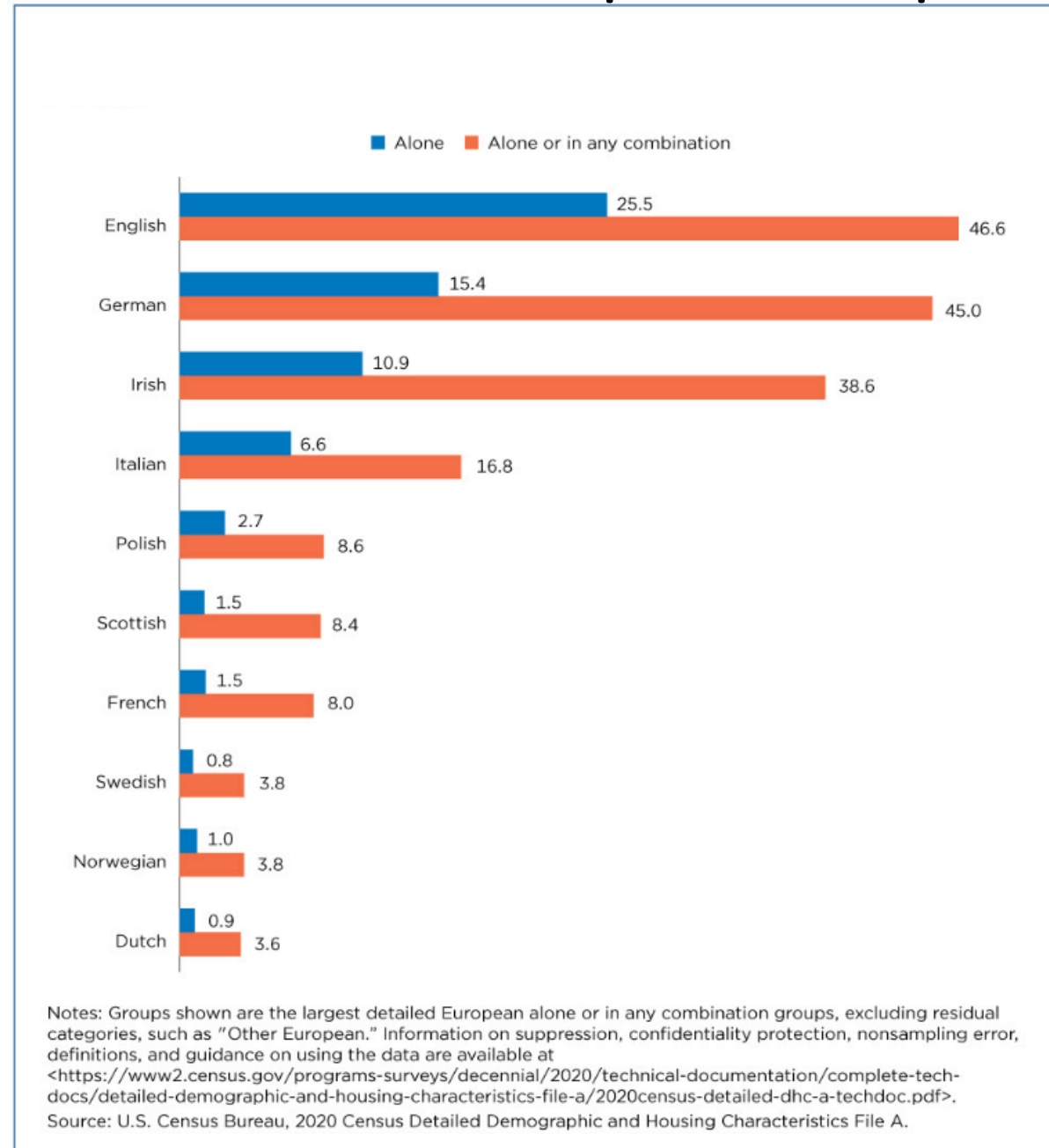
Selected Results from the Detailed DHC-A

Selected Detailed Hispanic or Latino Origin Groups



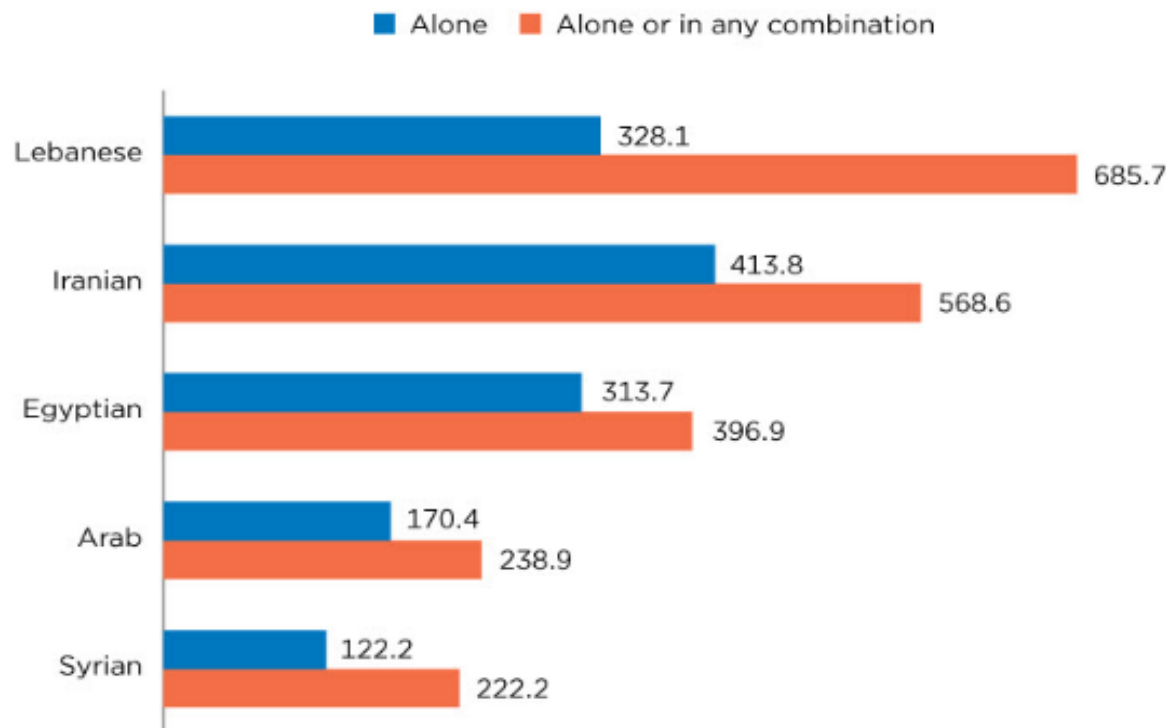
Population of Selected Detailed European Groups: 2020

(In millions)



Population of Selected Detailed Middle Eastern and North African Groups: 2020

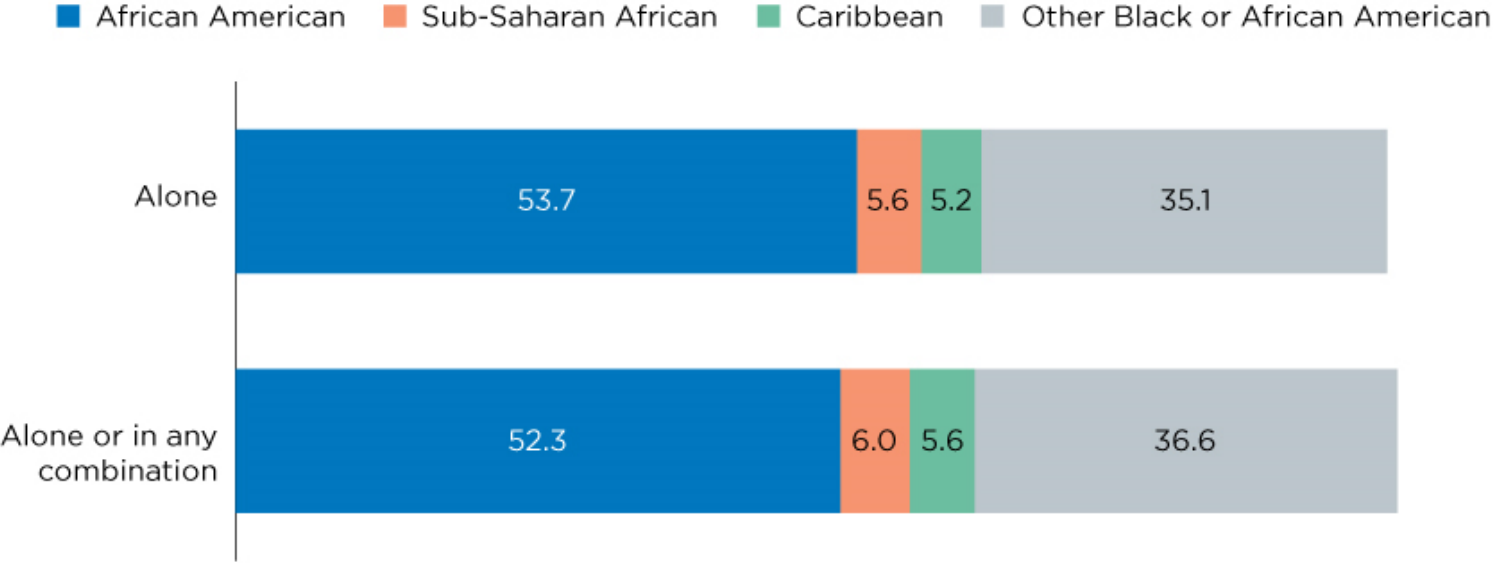
(In thousands)



Notes: Groups shown are the largest detailed Middle Eastern and North African alone or in any combination groups, excluding residual categories, such as "Other Middle Eastern or North African." The category Arab refers to those who reported a response of "Arab" or "Arabic." Information on suppression, confidentiality protection, nonsampling error, definitions, and guidance on using the data are available at <https://www2.census.gov/programs-surveys/decennial/2020/technical-documentation/complete-tech-docs/detailed-demographic-and-housing-characteristics-file-a/2020census-detailed-dhc-a-techdoc.pdf>.

Source: U.S. Census Bureau, 2020 Census Detailed Demographic and Housing Characteristics File A.

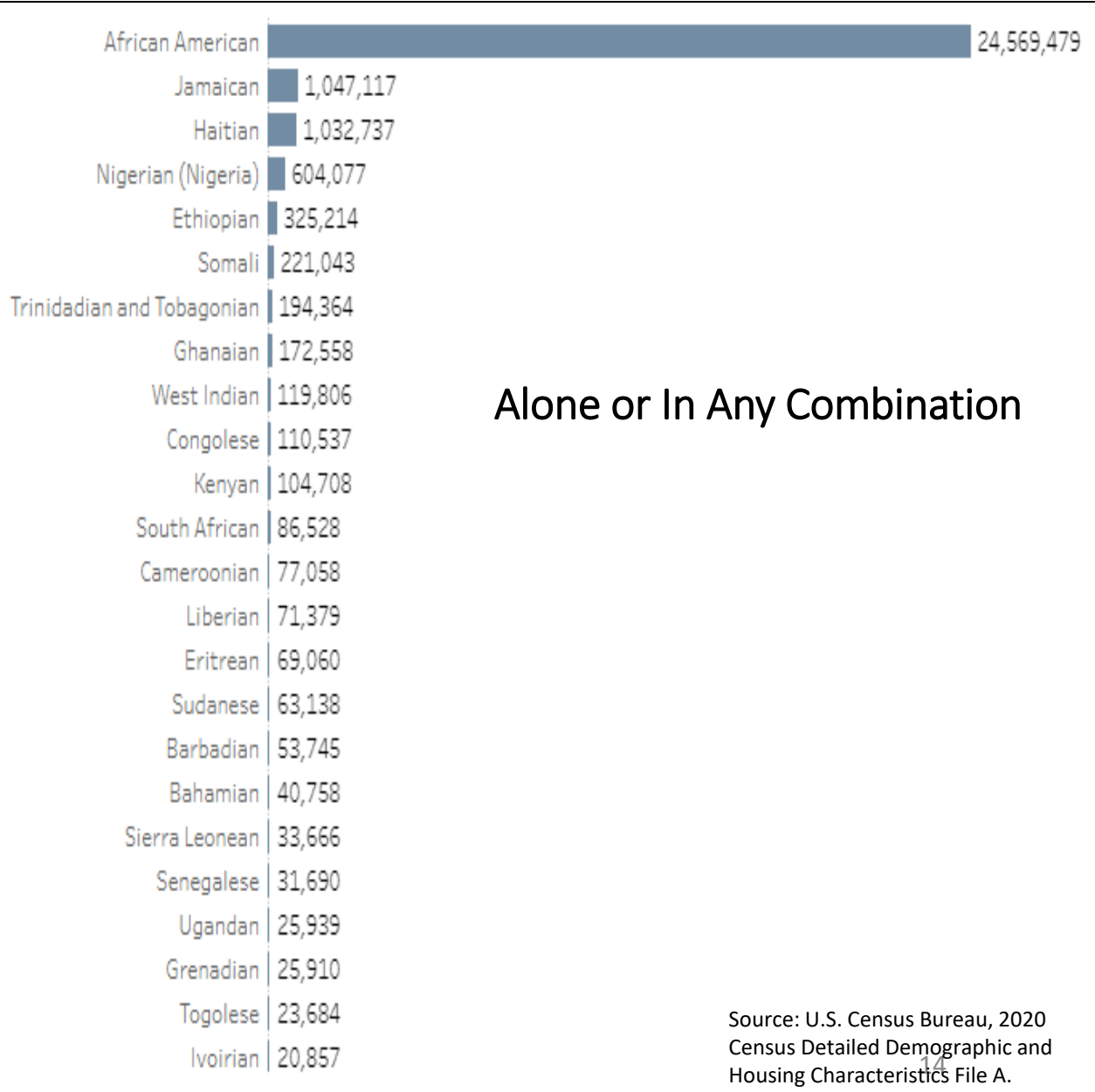
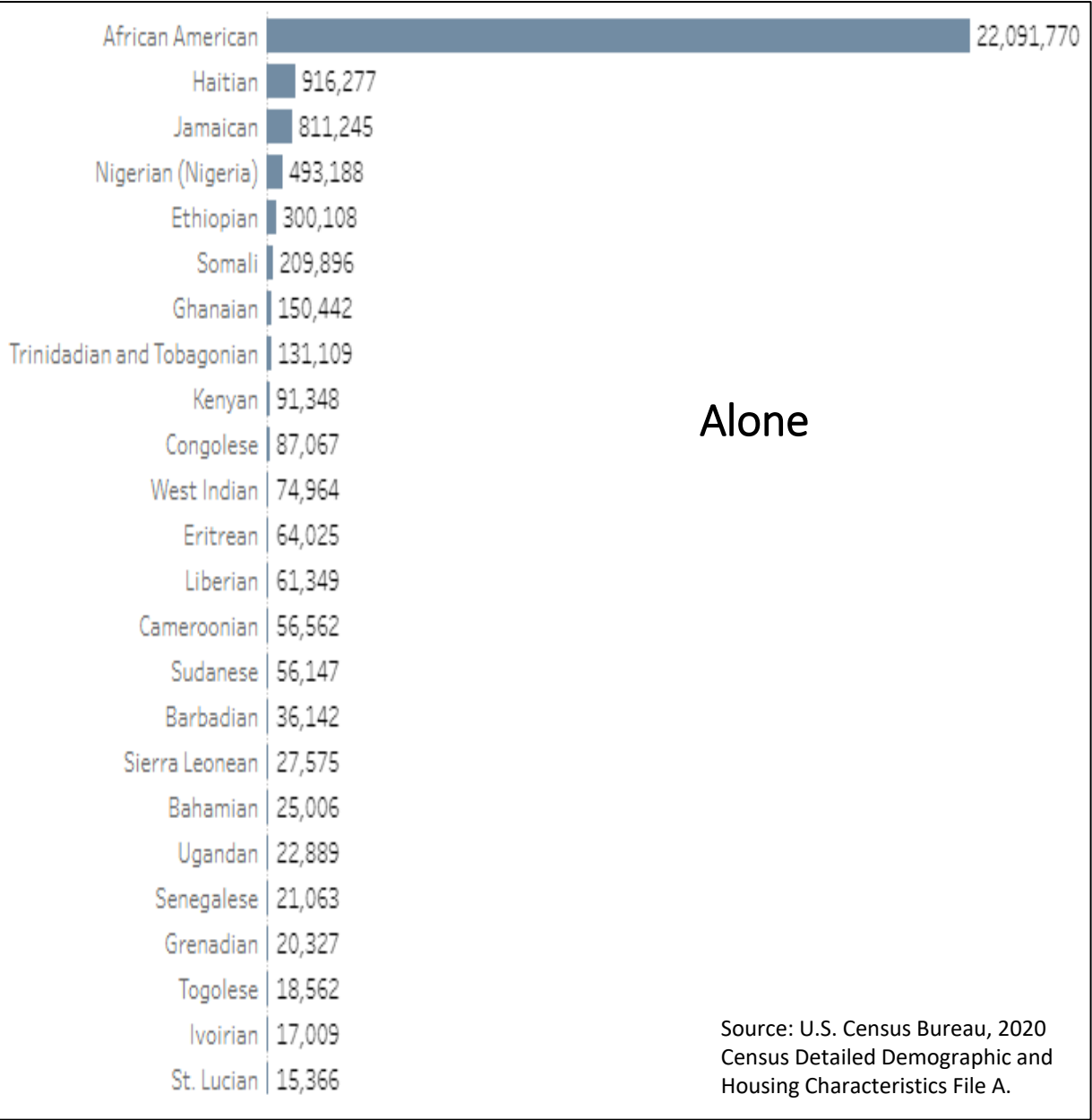
Percentage Distribution of the Black or African American Population by Regional Group: 2020



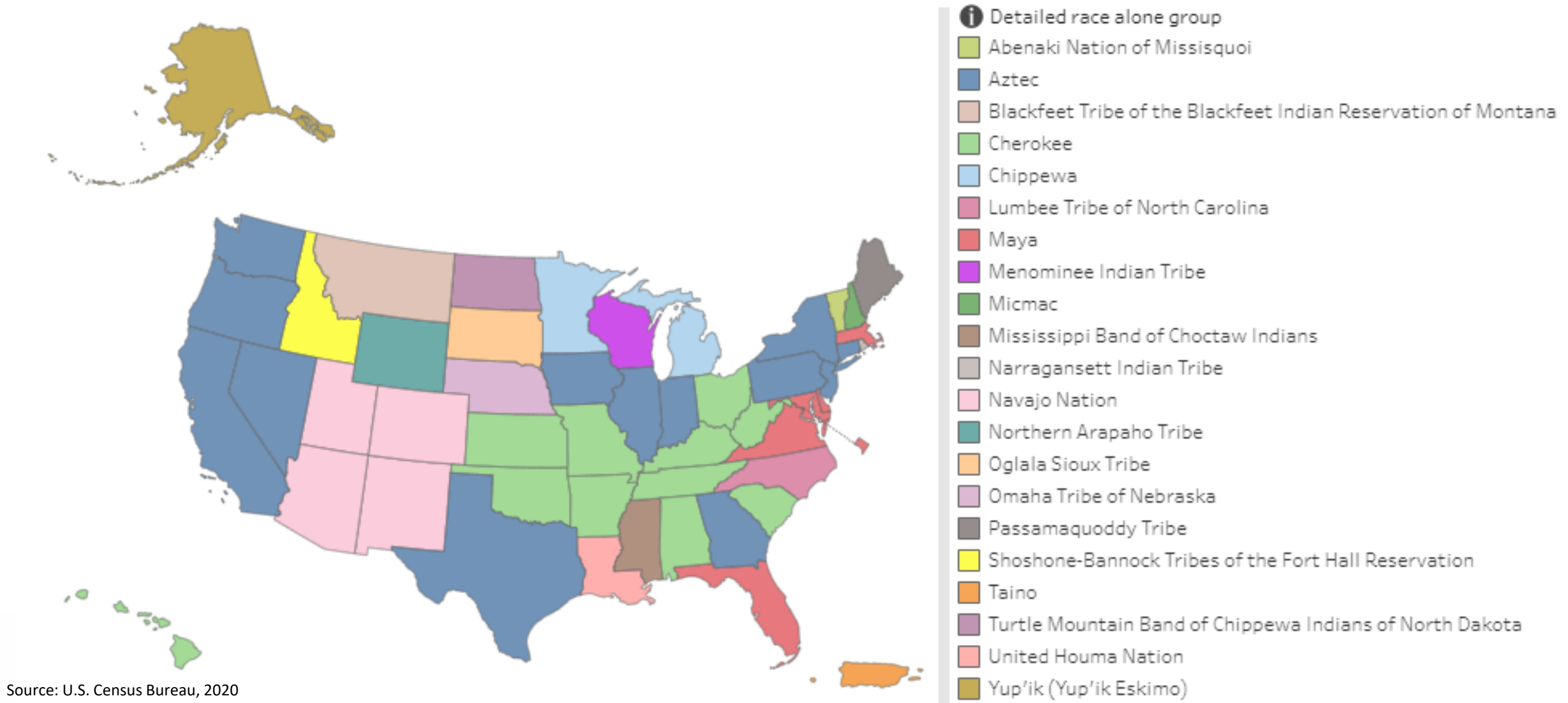
Notes: The category African American refers to those who reported a response of “African American” and is not listed under any regional group. Data may not sum to totals due to rounding and the noise applied for privacy protection. Information on suppression, confidentiality protection, nonsampling error, definitions, and guidance on using the data are available at <<https://www2.census.gov/programs-surveys/decennial/2020/technical-documentation/complete-tech-docs/detailed-demographic-and-housing-characteristics-file-a/2020census-detailed-dhc-a-techdoc.pdf>>.

Source: U.S. Census Bureau, 2020 Census Detailed Demographic and Housing Characteristics File A; 2020 Census Redistricting Data (Public Law 94-171) Summary File.

Selected Detailed Black or African American Groups: 2020

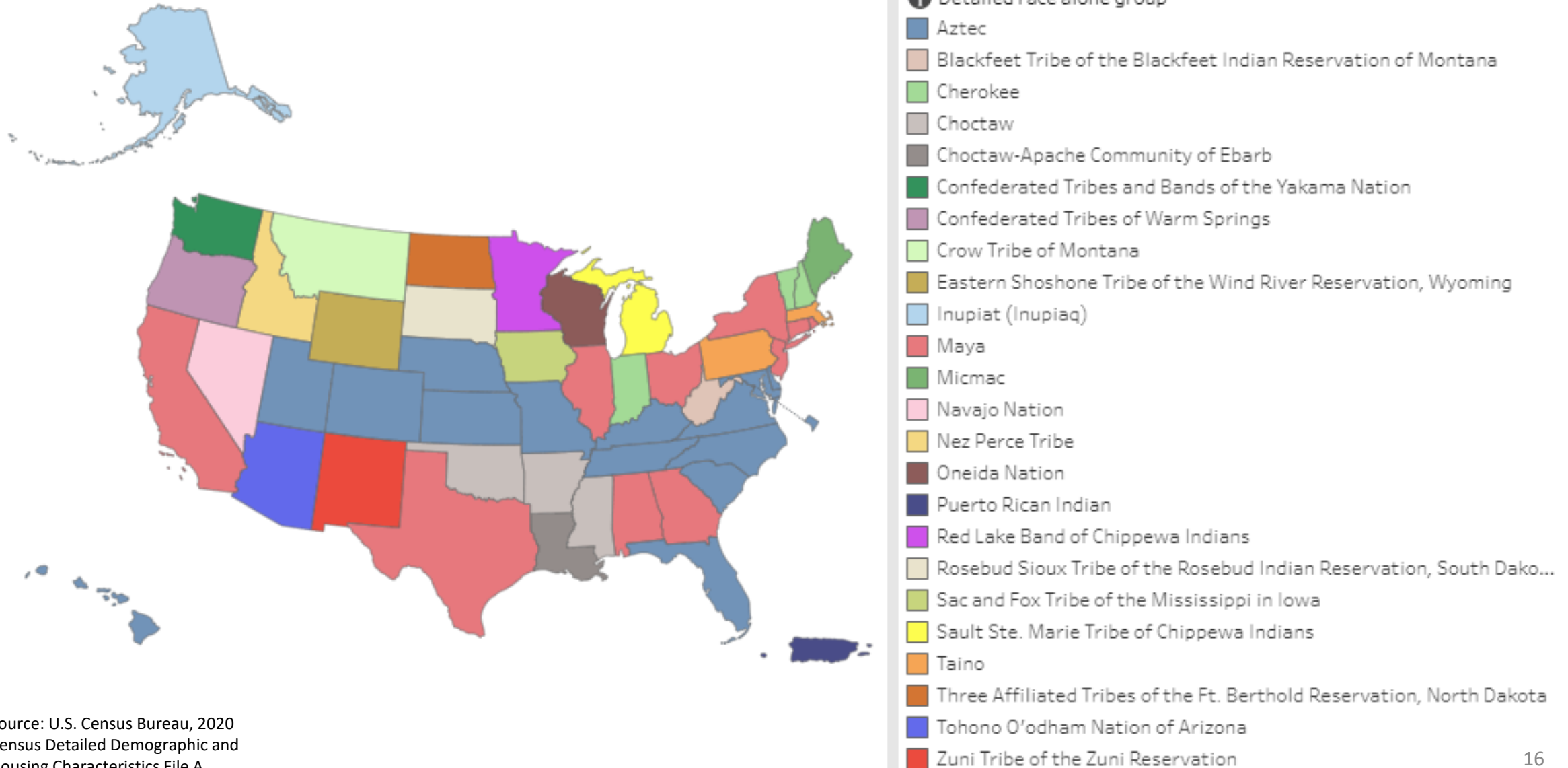


Largest Detailed American Indian and Alaska Native Alone Group by State

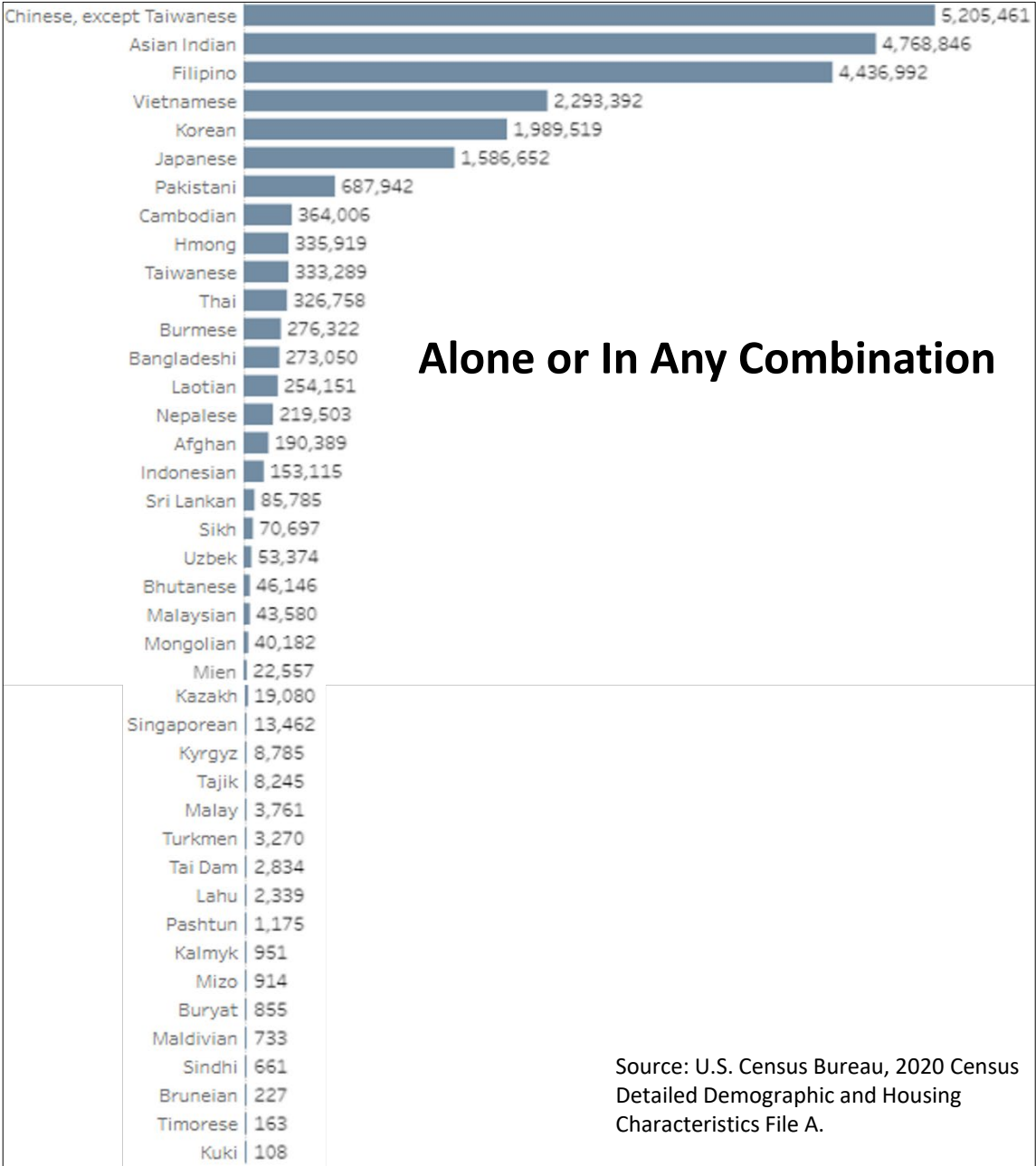
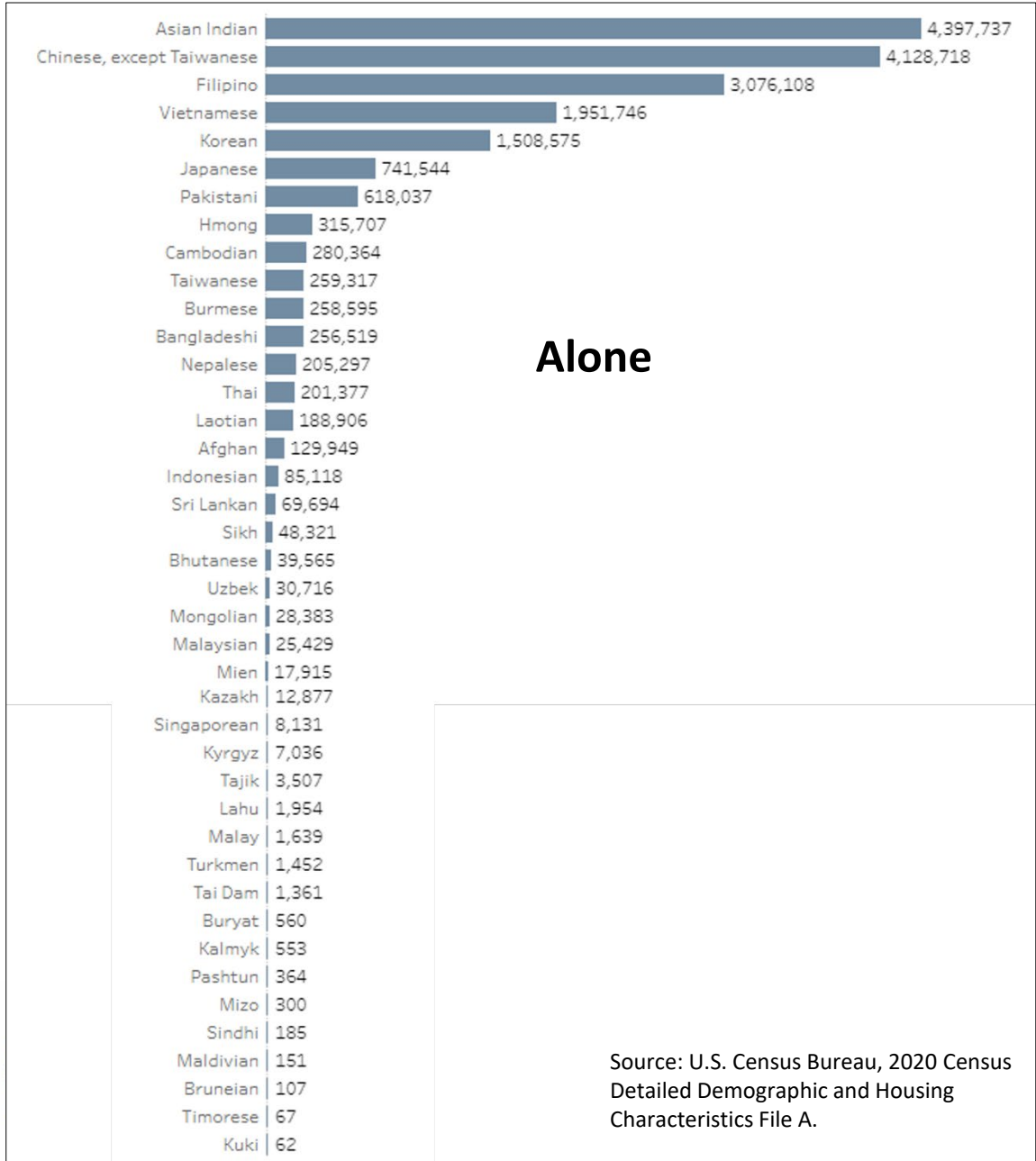


Source: U.S. Census Bureau, 2020
Census Detailed Demographic and
Housing Characteristics File A.

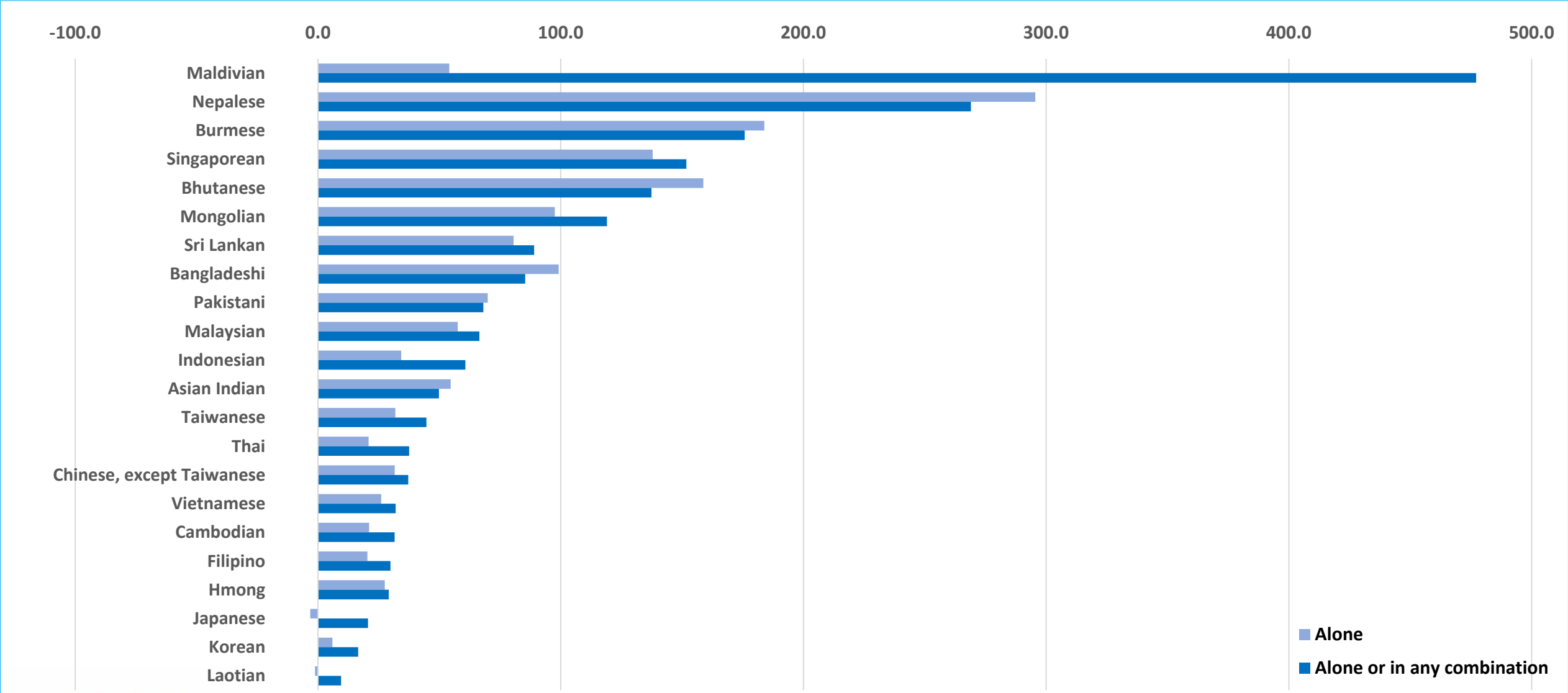
Second Largest Detailed American Indian and Alaska Native Alone Group by State



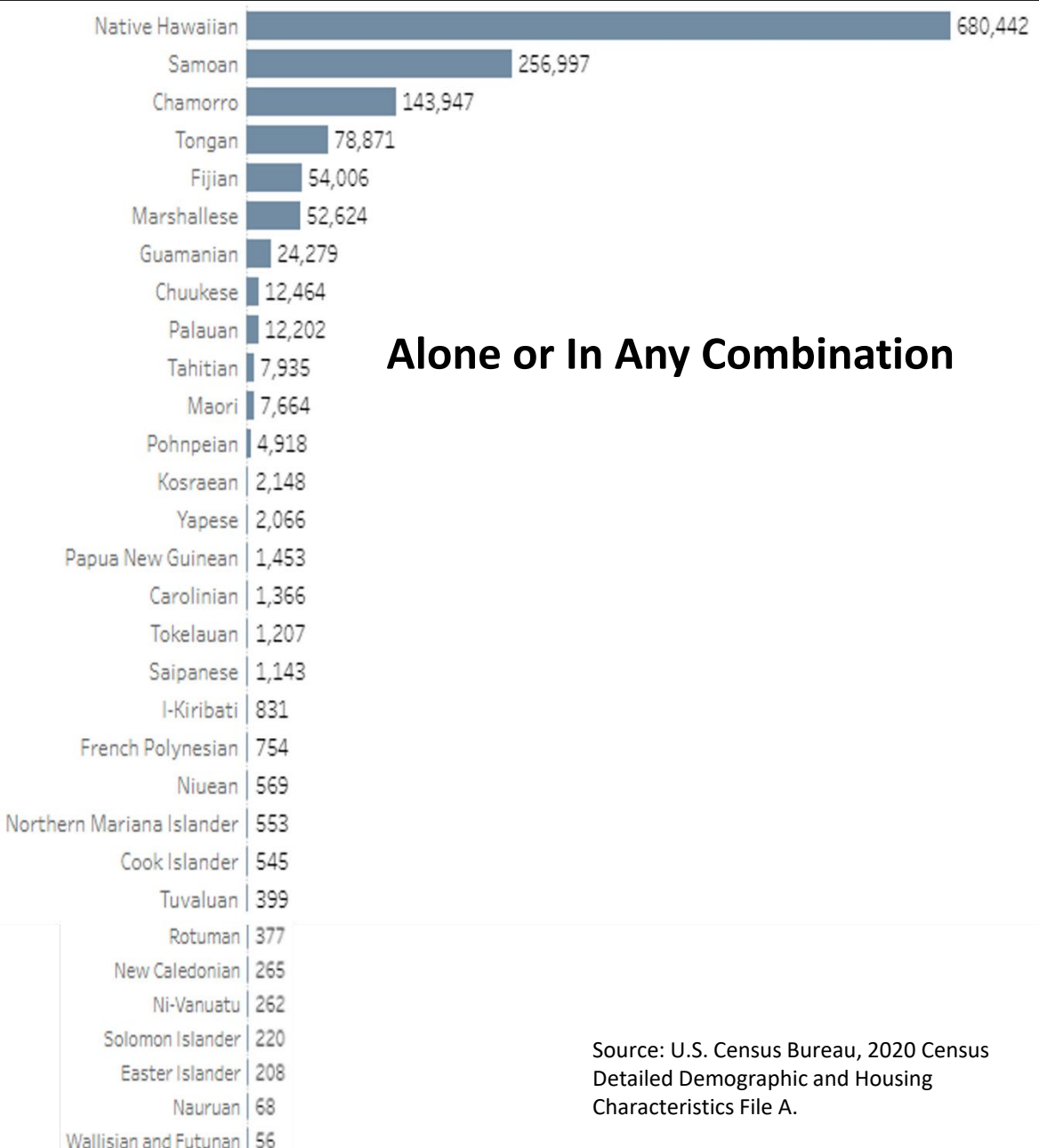
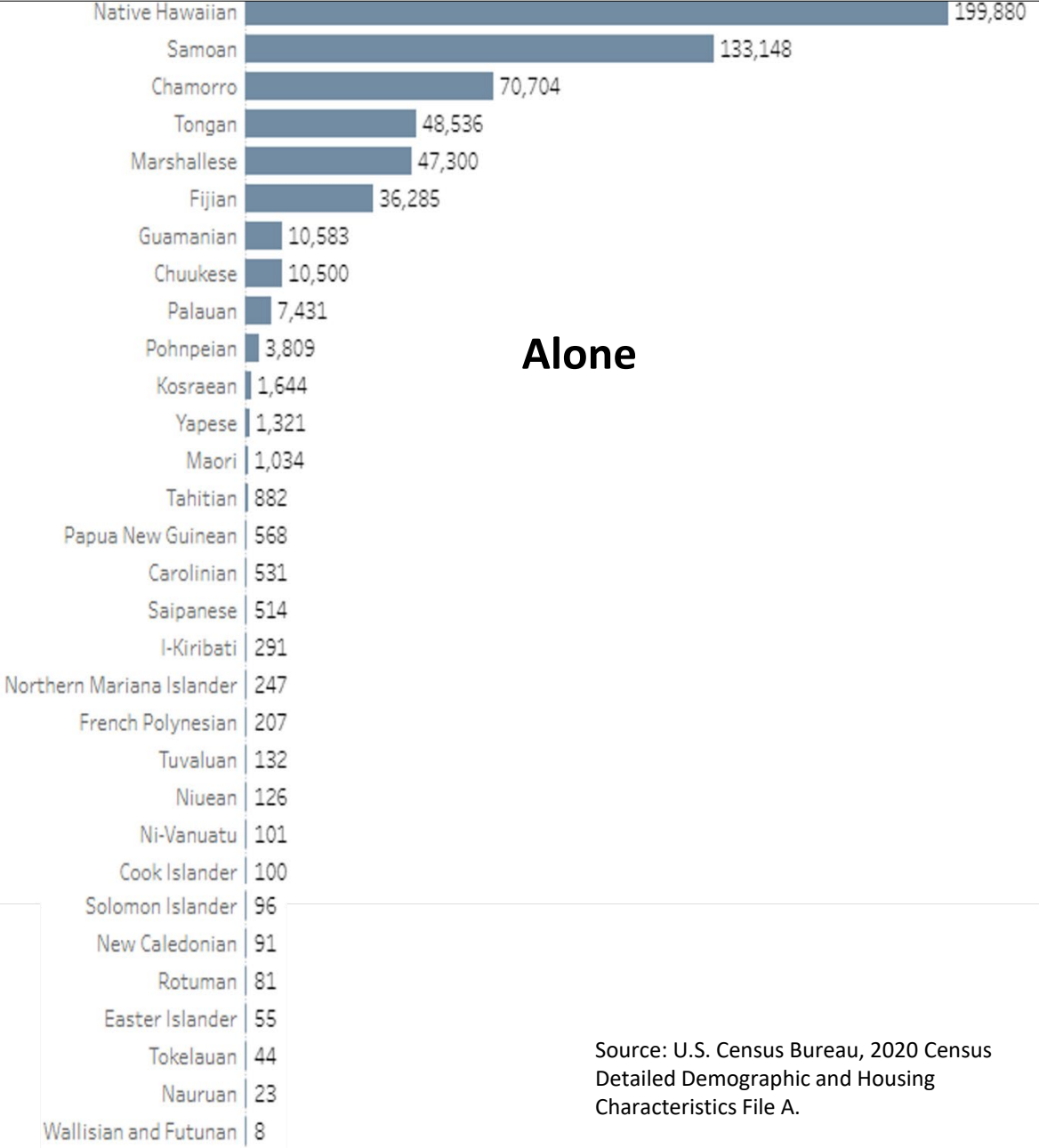
Selected Detailed Asian Groups: 2020



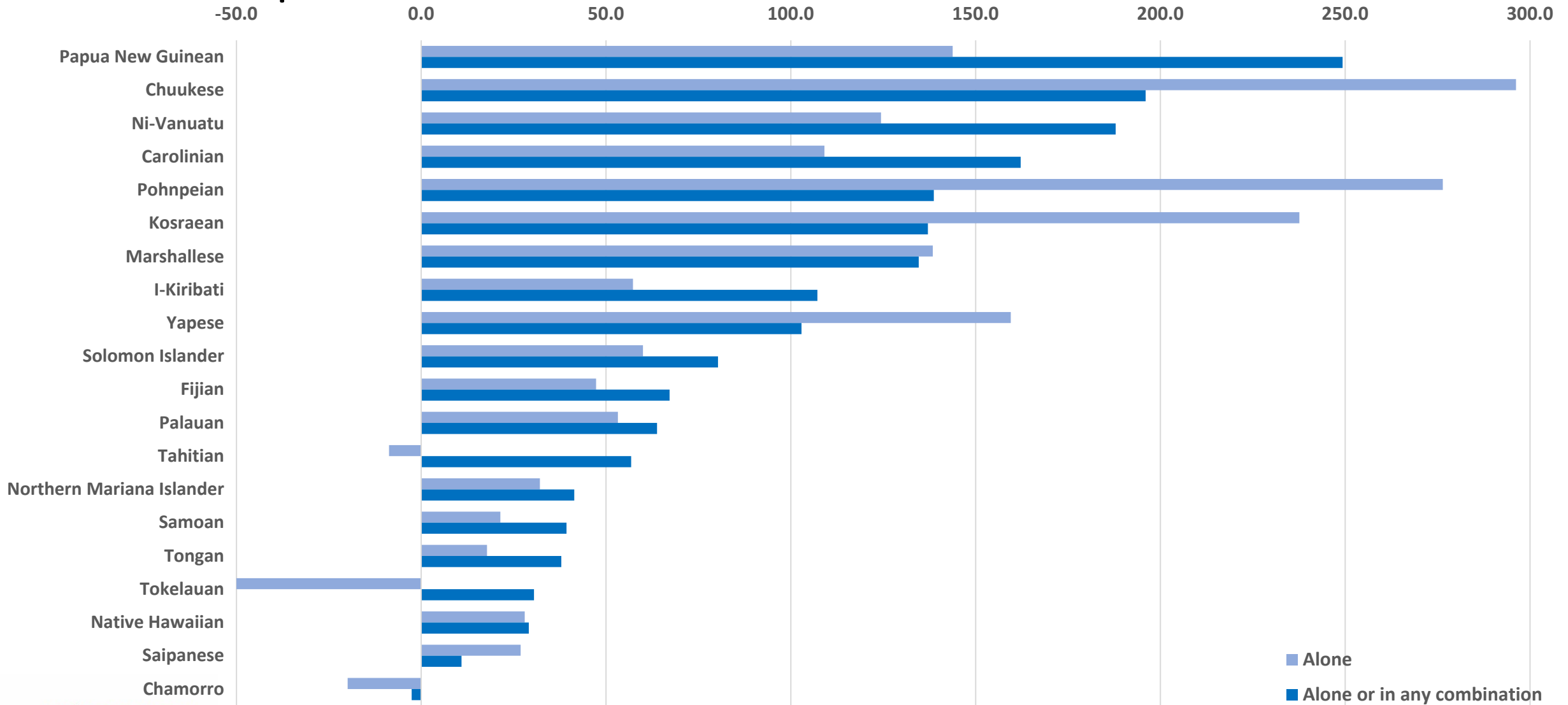
Percent Change in Asian Detailed Groups: 2010 to 2020



Selected Native Hawaiian and Other Pacific Islander Groups: 2020

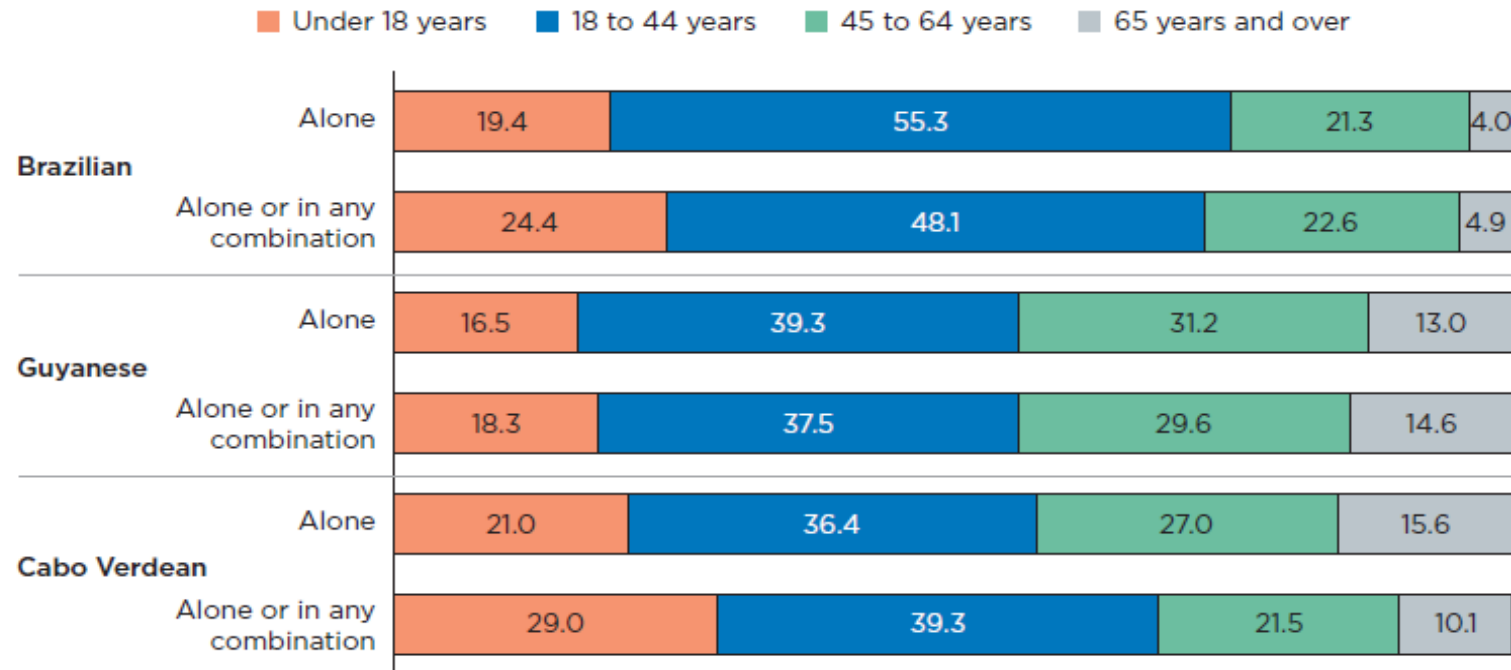


Percent Change in Native Hawaiian and Other Pacific Islander Detailed Groups: 2010 to 2020



Largest Non-Hispanic Some Other Race Alone and Alone or in Any Combination Groups by Age: 2020

(In percent)



Notes: The largest Some Other Race groups exclude Hispanic responses and "Multiracial and Multiethnic" responses (e.g., "Biracial") to the race question, as well as residual categories, such as "Other Some Other Race alone, not specified." Aggregating data, such as geographies and sex by age, diminishes accuracy and increases the likelihood of inconsistent and improbable results. Data may not sum to totals due to rounding and the noise applied for privacy protection. Information on suppression, confidentiality protection, nonsampling error, definitions, and guidance on using the data is available at <https://www2.census.gov/programs-surveys/decennial/2020/technical-documentation/complete-tech-docs/detailed-demographic-and-housing-characteristics-file-a/2020census-detailed-dhc-a-techdoc.pdf>.

Source: U.S. Census Bureau, 2020 Census Detailed Demographic and Housing Characteristics File A.

Data Quality and Guidance for Data Users

Accuracy and the Detailed DHC-A

- We are using a stronger system to protect your 2020 Census information against today's cyberthreats while maximizing the utility and relevance of the statistics we publish.
- An algorithm infuses noise – small, random additions or subtractions – in the statistics.
- We set accuracy targets – margins of error (MOE) – for how much disclosure avoidance-related uncertainty would be in the published statistics.
- The MOE can be thought of as how close we can expect the noise-infused counts to be to the enumerated counts approximately 95% of the time.

Detailed DHC-A Minimum Noise Infused Population Counts and Margins of Error (MOE) by Geography

Most comprehensive table type produced	Detailed groups		Regional groups	
	Nation & state (MOE=3)	Sub-state & AIANNH (MOE=11)	Nation & state (MOE=50)	Sub-state (MOE=50)
Total count only	0-499	22-999	0-4,999	94-4,999
Sex by age – 4 categories	500-999	1,000-4,999	5,000-19,999	5,000-19,999
Sex by age – 9 categories	1,000-6,999	5,000-19,999	20,000-149,999	20,000-149,999
Sex by age – 23 categories	7,000+	20,000+	150,000+	150,000+

- Note: The listed population thresholds are applied to the population counts after they have been processed by the approved differential privacy mechanism.
- Note: MOE refers to the margin of error
- Detailed groups include disaggregated groups such as Puerto Rican, Tuscarora Nation, Arctic Slope Corporation, etc.
- Regional groups include groups such as Caribbean, American Indian, Alaska Native, etc.
- Sub-state refers to county, place and census tract levels.
- AIANNH refers to American Indian, Alaska Native and Native Hawaiian areas.

How Close, On Average, Are the Detailed Counts?

Geography	Total Population Counts	Sex-by-Age Counts
Nation	±3.4	±1.2
State	±1.7	±1.2
County	±6.5	±4.4
AIANNH	±5.4	±4.4
Tract	±4.9	±4.4
Place	±5.3	±4.4

Note: AIANNH refers to American Indian, Alaska Native and Native Hawaiian areas.

Source: U.S. Census Bureau, 2020 Census Detailed Demographic and Housing Characteristics File A.

Data Availability and Suppression

- Substantial increase in the number of population counts being published relative to the 2010 Census, where groups had to have a population of least 100 nationally to be included in tabulations.
- Some data suppression to ensure demographic reasonableness:
 - Minimum population threshold for sub-state and AIANNH geographies to prevent the infused noise from disclosure avoidance making it look like populations exist in areas where they do not.
 - Suppressed cases where a noise-infused count fell below zero.
 - Suppressed the *alone* count in areas where the *alone* population count for a group was greater than its noise-infused *alone or in any combination* population count for that area.
- Suppression is specific to a particular geographic area and does not apply to an entire geographic level.

Proportions of the Detailed Counts Suppressed, by Geography: 2020

Geography	Total Population Counts	Sex-by-Age Counts
Nation	1.2%	0.2%
State	23.4%	0.3%
County	95.5%	0.8%
AIANNH	99.2%	1.0%
Tract	98.5%	3.6%
Place	98.7%	1.3%

Note: AIANNH refers to American Indian, Alaska Native and Native Hawaiian areas.

Source: U.S. Census Bureau, 2020 Census Detailed Demographic and Housing Characteristics File A.

Can I compare the Detailed DHC-A Data to....?

Data source	Comparison Guidance
Pre-2020 ACS race data	⚠ Use caution
Pre-2020 ACS Hispanic origin data	✓ Compare
ACS ancestry data	⚠ Use caution
2010 Census race data	⚠ Use caution
2010 Census Hispanic origin data	✓ Compare

For more details, visit:

- [What You Should Know About the Upcoming Detailed Demographic and Housing Characteristics File A 2020 Census Hispanic Origin and Race Code List](#)
- [Detailed Race and Ethnicity Crosswalk: 2010 to 2020](#)

Accessing the Detailed DHC-A

Available Tools for Accessing Data

Data visualization:

- [Detailed Races and Ethnicities in the United States and Puerto Rico: 2020 Census](#)

Data Gems:

- [How the Detailed DHC-A Adaptive Design Determines Data Availability](#)
- [Accessing 2020 Census Detailed DHC-A Data on data.census.gov](#)
- [Downloading, Exporting, and Sharing 2020 Census Detailed DHC-A Data](#)
- [Accessing 2020 Census Detailed DHC-A Data: Census Tracts](#)
- [Comparing 2020 Census Detailed DHC-A Data to 2010 Census Data](#)
- [2020 Census Detailed DHC-A: Using the Census Data API to Get Individual Data Points](#)
- [2020 Census Detailed DHC-A: Using the Census Data API to Get a Table](#)

Press Kit:

- [2020 Census Detailed Demographic and Housing Characteristics File A Press Kit](#)



America Counts Stories, Blogs, Working Papers, and Technical Documentation



America Counts Story

New Population Counts for Nearly 1,500 Race and Ethnicity Groups

The Census Bureau releases official population counts for more than 200 new detailed race and ethnicity groups.

[➤](#)

Population

Detailed Data for Hundreds of American Indian and Alaska Native Tribes


2020 Census detailed data available for close to 1,200 AIAN tribes and villages for the nation, states and tribal areas.

[➤](#)

Population

Eight Hispanic Groups Each Had a Million or More Population in 2020

Newly released detailed 2020 Census data show growth in Hispanic groups. Mexican population remained nation's largest Hispanic group.

[➤](#)

America Counts Story

3.5 Million Reported Middle Eastern and North African Descent in 2020

Detailed data available from the 2020 Census for 26 Middle Eastern and North African groups.

[➤](#)

Population

New Population Counts for 62 Detailed Black or African American Groups

For the first time, the 2020 Census provided a write-in area for the Black or African American race category to collect detailed racial identities.

[➤](#)

America Counts Story

Detailed Look at Native Hawaiian and Other Pacific Islander Groups

2020 Census data released this month provides detailed counts of 31 Native Hawaiian and Other Pacific Islander (NHOPI) groups.

[➤](#)

America Counts Story

Asian Indian Was The Largest Asian Alone Population Group in 2020

Detailed 2020 Census data on 41 Asian groups released today show Chinese, Except Taiwanese, was largest Asian alone or in any combination group.

[➤](#)

Population

English Most Common Race or Ethnicity in 2020 Census

Recently released 2020 Census data on race and ethnicity provide detailed characteristics of more than 100 White groups.

[➤](#)

Population

New Population Counts for 22 Detailed Some Other Race Groups

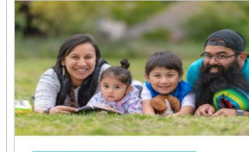
2020 Census data for groups classified as Some Other Race, such as Brazilian, Guyanese, and Cabo Verdean are now available.

[➤](#)

Random Samplings Blog

What You Should Know About the Upcoming Detailed DHC File A


The upcoming 2020 Census Detailed DHC-A greatly expands what we know about the racial and ethnic composition of the U.S. population.

[➤](#)

Random Samplings Blog

Data Quality and the Detailed DHC File A

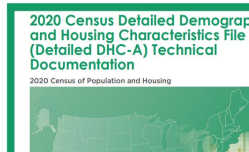
Today the Census Bureau released new statistics about our nation's communities, providing population counts and sex-by-age statistics.

[➤](#)

Working Paper

Understanding Counts of Afro-Latino Responses in the 2020 Census

Census counts for Afro-Latino and Garifuna were collected from the Hispanic origin question for the first time in Census Bureau history.

[➤](#)

2020 Census Detailed Demographic and Housing Characteristics File A (Detailed DHC-A) Technical Documentation

2020 Census of Population and Housing

Technical Documentation

U.S. Census Bureau

U.S. Department of Commerce

Census 2020

2030 Census Code List Improvement Project

Looking Ahead to the 2030 Census

- Our 2030 Census Coding Improvement Project begins this month.
- The code list is a key input for the development of our data products.
- The project will follow a similar process as last decade, but we are seeking feedback on how to improve the process.
- Stakeholder input is a critical part of this process.

<u>POLYNESIAN</u>	<u>7505-7604</u>
Polynesian	7505-7509
Polynesian	7505
Cook Islander	7510-7514
Cook Islander	7510
Easter Islander	7515-7519
Easter Islander	7515
French Polynesian	7520-7524
French Polynesian	7520
Maori	7525-7529
Maori	7525
Native Hawaiian	7530-7539
Native Hawaiian (Detailed Checkbox)	7530
Native Hawaiian	7531
Hawaiian	7532
Part Hawaiian	7535
Niuean	7540-7544
Niuean	7540
Rotuman	7545-7549
Rotuman	7545

Excerpt of 2020 Census Code List

2030 Census Code List Improvement Project

Phase 1: Internal research

Phase 2: Outreach with stakeholders, including contacting state and federally recognized tribes

Phase 3: Testing the revised list in the 2026 Census Test

Phase 4: Final revisions before the 2030 Census

Questions for NAC

- Do you have suggestions for organizations or experts who should be included in our outreach for the 2030 Census Code List Improvement Project?
- How can we effectively communicate to organizations and experts the importance of providing feedback on the code list?